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this chapter, before entering or while underway in a VTS area, a vessel must:

- (i) Notify the VTC;
- (ii) Make voice radio position reports at designated reporting points as required by § 161.20(b) of this part;
- (iii) Make other voice radio reports as directed; and
- (iv) Restore the AISSE to operating condition as soon as possible.

(2) Whenever an AISSE becomes non-operational due to a loss of position correction information (i.e., the U.S. Coast Guard differential global positioning system (dGPS) cannot provide the required error correction messages) a vessel must:

- (i) Make required voice radio position reports at designated reporting points required by § 161.20(b) of this part; and
- (ii) Make other voice radio reports as directed.

NOTE: Regulations pertaining to AISSE required capabilities are set forth in § 164.43 of this chapter.

[CGD 90-020, 59 FR 36324, July 15, 1994, as amended by CGD 97-023, 62 FR 33364, June 19, 1997]

Subpart C—Vessel Traffic Service Areas, Cooperative Vessel Traffic Service Area, Vessel Traffic Service Special Areas and Reporting Points

NOTE: All geographic coordinates contained in part 161 (latitude and longitude) are expressed in North American Datum of 1983 (NAD 83).

§ 161.25 Vessel Traffic Service New York Area.

The area consists of the navigable waters of the Lower New York Harbor bounded on the east by a line drawn from Norton Point to Breezy Point; on the south by a line connecting the entrance buoys at the Ambrose Channel, Swash Channel, and Sandy Hook Channel to Sandy Hook Point; and on the southeast including the waters of Sandy Hook Bay south to a line drawn at latitude 40°25'N.; then west into waters of the Raritan Bay to the Raritan River Rail Road Bridge; and then north including the waters of the Arthur Kill and Newark Bay to the Lehigh Valley Draw Bridge at latitude 40°41.9'N.; and then east including the waters of the

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Kill Van Kull and Upper New York Bay north to a line drawn east-west from the Holland Tunnel Ventilator Shaft at latitude 40°43.7'N., longitude 74°01.6'W. in the Hudson River; and then continuing east including the waters of the East River to the Throgs Neck Bridge, excluding the Harlem River.

NOTE: Although mandatory participation in VTSNY is limited to the area within the navigable waters of the United States, VTSNY will provide services beyond those waters. Prospective users are encouraged to report beyond the area of required participation in order to facilitate advance vessel traffic management in the VTS area and to receive VTSNY advisories and/or assistance.

[CGD 92-052, 61 FR 45327, Aug. 29, 1996]

§ 161.30 Vessel Traffic Service Louisville.

The VTS area consists of the navigable waters of the Ohio River between McAlpine Locks (Mile 606.8) and Twelve Mile Island (Mile 593), only when the McAlpine upper pool gauge is at 13.0 feet or above.

[CGD 90-020, 59 FR 36324, July 15, 1994, as amended by USCG-1998-3799, 63 FR 35531, June 30, 1998]

§ 161.35 Vessel Traffic Service Houston/Galveston.

(a) The VTS area consists of the following major waterways and portions of connecting waterways: Galveston Bay Entrance Channel; Outer Bar Channel; Inner Bar Channel; Bolivar Roads Channel; Galveston Channel; Gulf ICW and Galveston-Freeport Cut-Off from Mile 346 to Mile 352; Texas City Channel; Texas City Turning Basin; Texas City Canal Channel; Houston Ship Channel; Bayport Channel; Bayport Turning Basin; Houston Turning Basin; and the following precautionary areas associated with these waterways.

(b) Precautionary Areas.

TABLE 161.35(B)—VTS HOUSTON/GALVESTON PRECAUTIONARY AREAS

Precautionary area name	Radius (yds.)	Center point	
		Latitude	Longitude
Bolivar Roads	4000	29°20.9'N	94°47.0'W
Red Fish Bar	4000	29°29.8'N	94°51.9'W
Bayport Channel.	4000	29°36.7'N	94°57.2'W

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**TABLE 161.35(B)—VTS HOUSTON/GALVESTON
PRECAUTIONARY AREAS—Continued**

Precautionary area name	Radius (yds.)	Center point	
		Latitude	Longitude
Morgans Point	2000	29°41.0'N	94°59.0'W
Upper San Jacinto Bay.	1000	29°42.3'N	95°01.1'W
Baytown	1000	29°43.6'N	95°01.4'W
Lynchburg	1000	29°45.8'N	95°04.8'W
Carpenters Bayou.	1000	29°45.3'N	95°05.6'W
Jacintoport	1000	29°44.8'N	95°06.0'W
Greens Bayou	1000	29°44.8'N	95°10.2'W

**TABLE 161.35(B)—VTS HOUSTON/GALVESTON
PRECAUTIONARY AREAS—Continued**

Precautionary area name	Radius (yds.)	Center point	
		Latitude	Longitude
Hunting Bayou	1000	29°44.3'N	95°12.1'W
Sims Bayou ...	1000	29°43.1'N	95°14.4'W
Brady Island ..	1000	29°43.5'N	95°16.4' W
Buffalo Bayou	1000	29°45.0'N	95°17.3'W

Note: Each Precautionary Area encompasses a circular area of the radius denoted.

(c) Reporting Points.

TABLE 161.35(c)—VTS HOUSTON/GALVESTON REPORTING POINTS

Designator	Geographic name	Geographic description	Latitude/longitude	Notes
1	Galveston Bay Entrance Channel	Galveston Bay Entrance CH Lighted Buoy (LB) "GB".	29°18.4'N; 94°37.6'W.	
2	Galveston Bay Entrance Channel	Galveston Bay Entrance Channel LB 11 and 12.	29°20.6'N; 94°44.6'W.	
E	Bolivar Land Cut	Mile 349 Intracoastal Waterway (ICW)	29°22.5'N; 94°46.9' W	Tows entering HSC also report at HSC LB 25 & 26.
W	Pelican Cut	Mile 351 ICW	29°21.4'N; 94°48.5' W	Tow entering HSC also report at HSC LB 25 & 26.
GCG	Galveston Harbor	USCG Base. At the entrance to Galveston Harbor.	29°20.0'N; 94°46.5'W.	
T	Texas City Channel	Texas City Channel LB 12	29°22.4'N; 94°50.9'W.	
X	Houston Ship Channel ICW Intersection	Houston Ship Channel (HSC) LB 25 and 26.	29°22.1'N; 94°48.1'W.	Tow entering HSC from ICW or Texas Cut Only.
3	Lower Galveston Bay	HSC LB 31 and 32	29°23.5'N; 94°48.8'W.	
4	Red Fish Bar	HSC Lt. 53A & 54A	29°30.3'N; 94°52.4'W.	
P	Bayport Ship Channel	Bayport Ship Channel Lt. 8 and 9	29°36.8'N; 94°59.5' W;	Report at the North Land Cut.
4A	Upper Galveston Bay	HSC Buoys 69 and 70	29°34.7'N; 94°55.8' W	Tows only.
5	Morgan's Point	Barbour's Cut	29°41.0'N; 94°58.9'W.	Abeam Barbour's Cut.
6	Exxon	Baytown Bend	29°43.5'N; 95°01.4'W.	
7	Lynchburg	Ferry crossing	29°45.8'N; 95°04.8'W.	
8	Shell Oil	Boggy Bayou	29°44.1'N; 95°08.0'W.	
9	Greens Bayou	Greens Bayou	29°44.8'N; 95°10.1'W.	
10	Hess Turning Basin	Hunting Bayou Turning Basin	29°44.3'N; 95°12.1'W.	
11	Lyondell Turning Basin	Sims Bayou Turning Basin	29°43.2'N; 95°14.4'W.	
12	I-610 Bridge	I-610 Bridge	29°43.5'N; 95°16.0'W.	
13	Houston Turning Basin	Buffalo Bayou	29°45.0'N; 95°17.4'W.	

[CGD 90-020, 59 FR 36324, July 15, 1994, as amended by CGD 95-033, 60 FR 28331, May 31, 1995; USCG-2000-7223, 65 FR 40058, June 29, 2000]